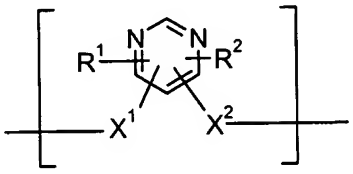
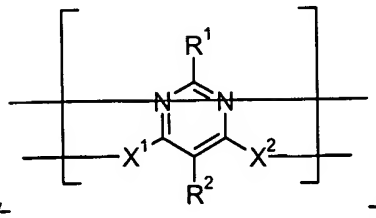
In the claims:

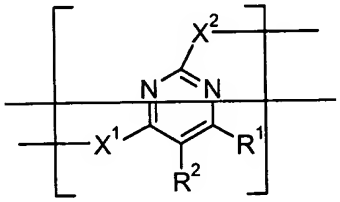
1. (currently amended): A polymer comprising a repeating unit of the formula



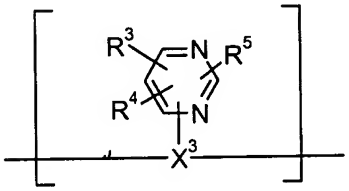
(I), ~~especially~~



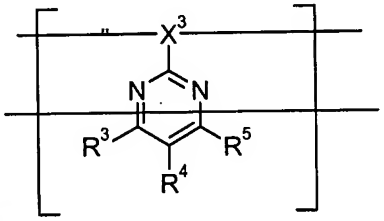
~~(Ia), or~~



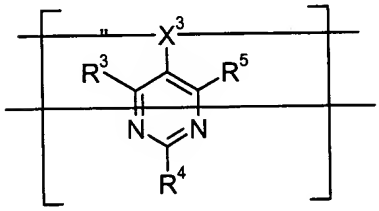
~~(Ib)~~; and/ or



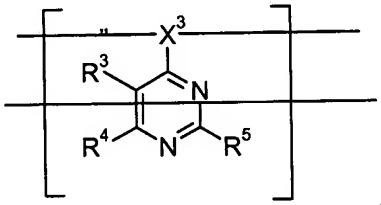
(II), ~~especially~~



~~(IIa),~~



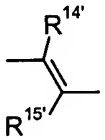
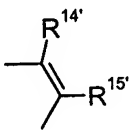
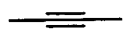
~~(IIb), or~~

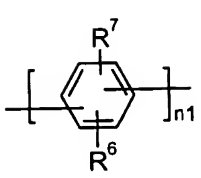
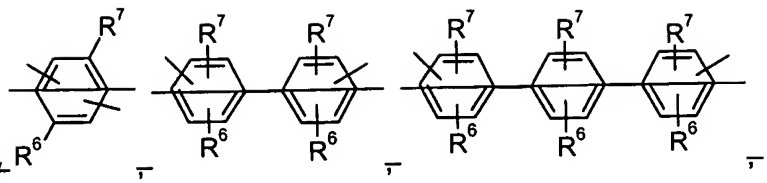


~~(IIc);~~ wherein

R^1, R^2, R^3, R^4 and R^5 are independently of each other an organic substituent, ~~especially C_2-C_{30}aryl or a C_2-C_{26}heteroaryl,~~ which optionally can be substituted,

X^1, X^2 and X^3 are independently of each other a divalent linking group.

2. (currently amended): A polymer according to claim 1, wherein X^1 and X^2 are independently of each other a group of the formula  ,  , or  , ~~in particular~~


, ~~especially~~ 
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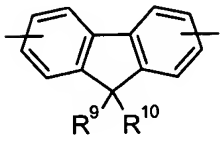
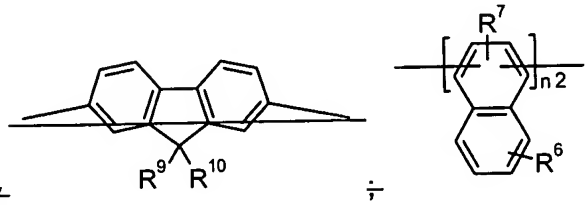

, ~~especially~~ 
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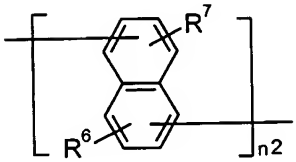
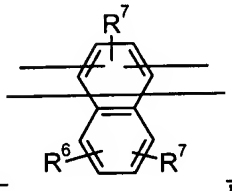
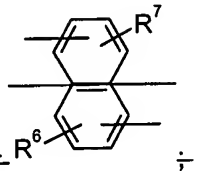

, ~~especially~~ 
, ~~or~~ 
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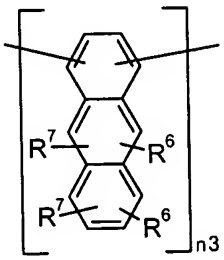
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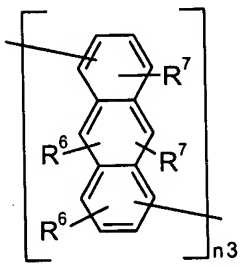
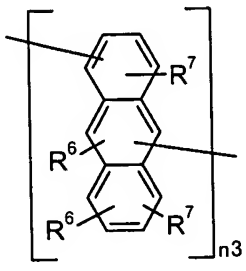
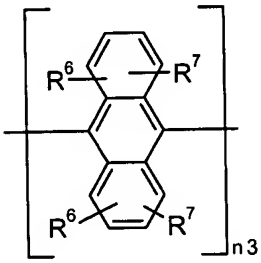
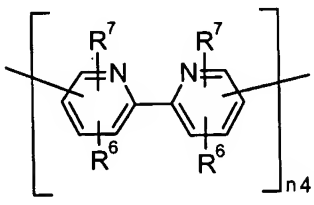

, 
, 
, 
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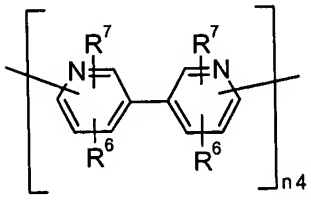
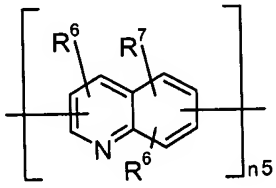
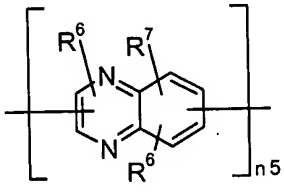
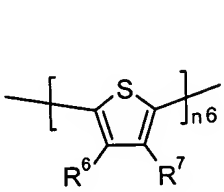

, 
, 
, 
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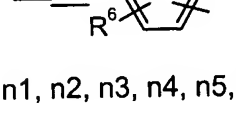
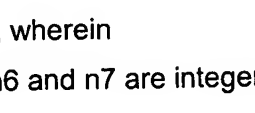
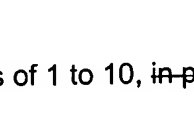
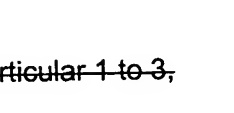

, 
, 
, 
, or

, wherein

n1, n2, n3, n4, n5, n6 and n7 are integers of 1 to 10, ~~in particular 1 to 3,~~

R^6 and R^7 are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl, which is substituted by E, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, or -CO-R^{28},

R^8 is C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24} aryl, or C_7-C_{25}aralkyl,

R^9 and R^{10} are independently of each other C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl, or

R^9 and R^{10} form a ring, ~~especially a five- or six-membered ring,~~ which may optionally be substituted by R^6,

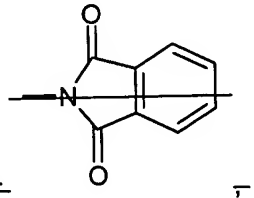
$R^{14'}$ and $R^{15'}$ are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, or C_2-C_{20}heteroaryl which is substituted by E,

D is -CO-, -COO-, -S-, -SO-, -SO_2-, -O-, -NR^{25}-, -$SiR^{30}R^{31}$-, -POR^{32}-, -CR^{23}=CR^{24}-, or -C≡C-, and

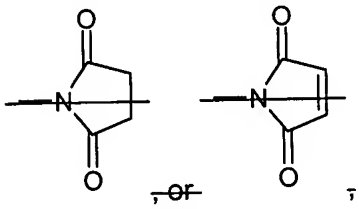
E is -OR^{29}, -SR^{29}, -$NR^{25}R^{26}$, -COR^{28}, -$COOR^{27}$, -$CONR^{25}R^{26}$, -CN, -OCOOR^{27}, or halogen,

wherein

R^{23}, R^{24}, R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkoxy, C_1-C_{18}alkyl, or C_1-C_{18}alkyl which is interrupted by –O-, or



R^{25} and R^{26} together form a five or six membered ring, ~~in particular~~



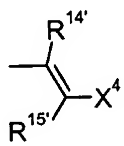
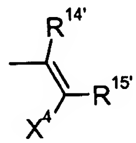
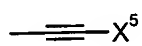
~~, or~~

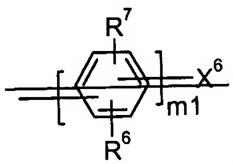
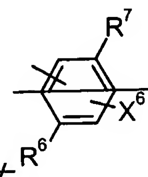
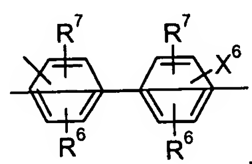
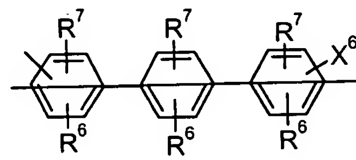
R^{27} and R^{28} are independently of each other H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, or C_1-C_{18}alkoxy, C_1-C_{18}alkyl, or C_1-C_{18}alkyl which is interrupted by –O-,

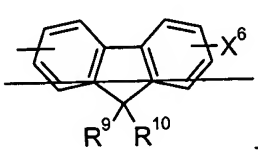
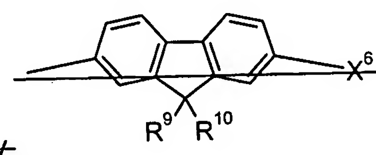
R^{29} is H, C_6-C_{18}aryl, C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkoxy, C_1-C_{18}alkyl, or C_1-C_{18}alkyl which is interrupted by –O-,

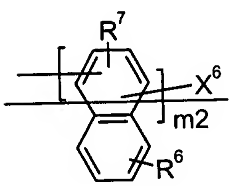
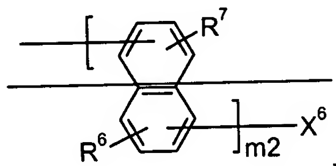
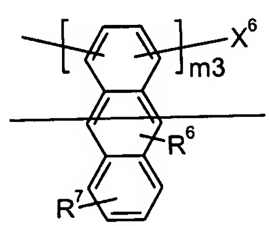
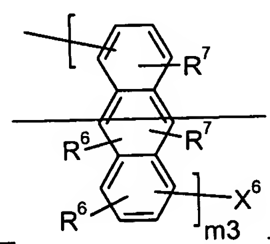
R^{30} and R^{31} are independently of each other C_1-C_{18}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl, and

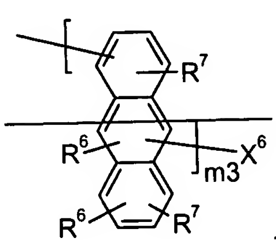
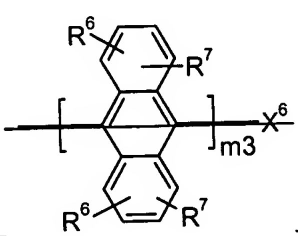
R^{32} is C_1-C_{18}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl.

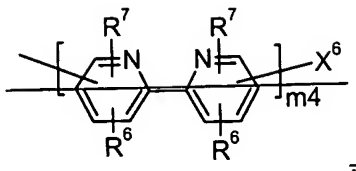
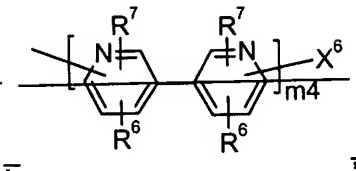
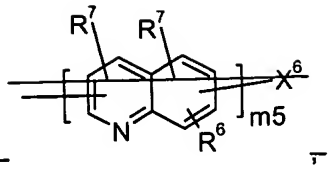
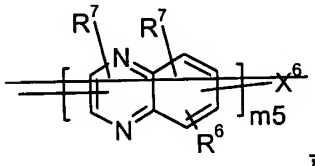
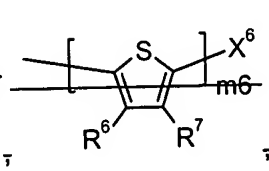
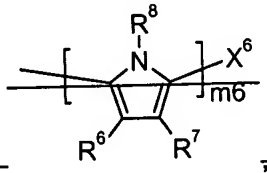
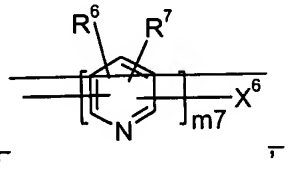
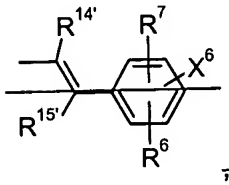
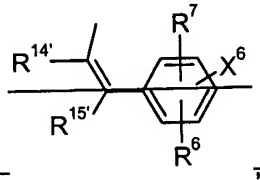
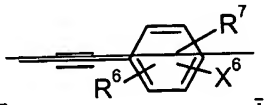
3. (currently amended): A polymer according claim ~~1 or~~ 2, wherein R^1 and R^2 are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D,  ,  ,  , C_7-C_{25}aralkyl, C_6-C_{24}aryl or C_2-C_{20}heteroaryl, which optionally can be substituted, ~~especially a group of the formula~~

 ~~, especially~~  ,  ,  ,

 ~~, especially~~  ,

 ,  ,  ,  ,

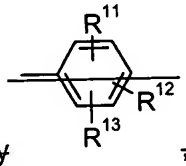
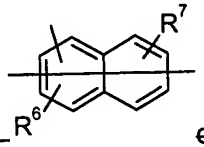
 ,  ,

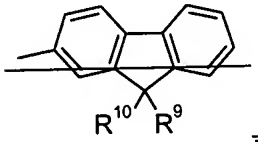
~~, or~~

~~wherein m1, m2, m3, m4, m5, m6 and m7 are integers of 1 to 10, in particular 1 to 3,~~

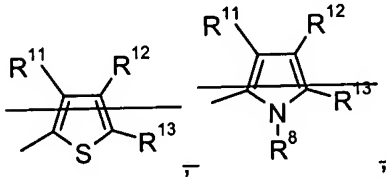
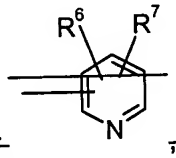
~~X^6 is H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{30}aryl,~~

~~which optionally can be substituted, especially~~ ~~or~~



~~, C_2-C_{26}heteroaryl, which optionally can be substituted, especially~~

~~, or~~

~~, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl,~~

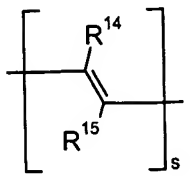
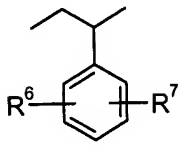
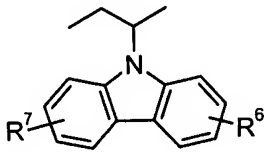
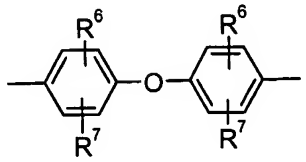
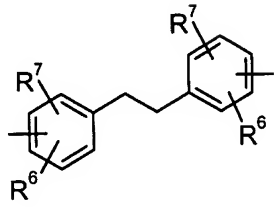
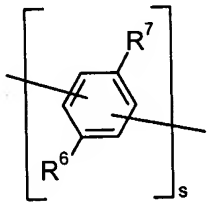
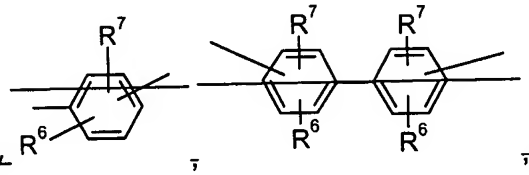
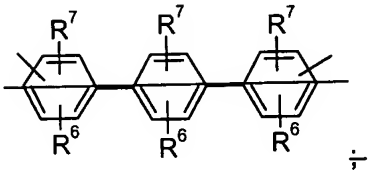
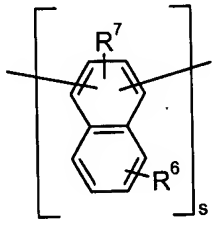
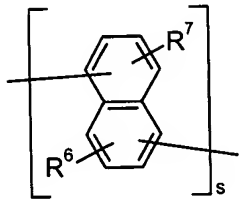
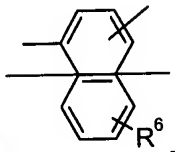
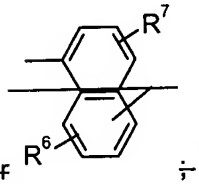
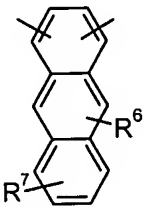
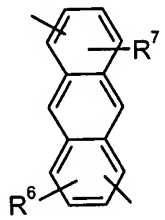
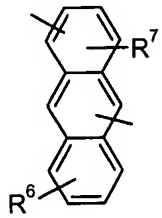
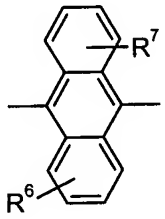
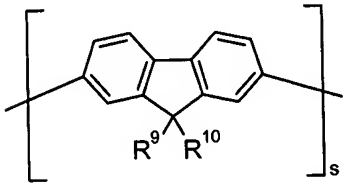
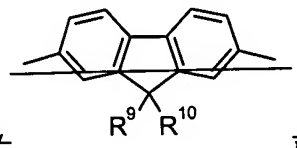
X^4 is C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, which optionally can be substituted,

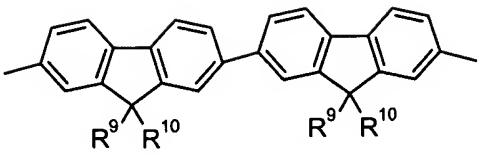
X^5 is C_1-C_{18}alkyl, C_6-C_{24}aryl, C_6-C_{24}aryl substituted by -OC_1-C_{18}alkyl or -OC_6-C_{24}aryl,

~~R^{11}, R^{12} and R^{13} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl , and~~

~~D, E, R^6, R^7, R^8, R^9, R^{10}, $R^{14'}$ and $R^{15'}$ are as defined in claim 2.~~

4. (currently amended): A polymer according to any of claims 1 ~~to 3~~, comprising a co-monomer T

which is selected from the group consisting of  ,  ,  ,  ,  , or  , ~~in particular~~  , ~~especially~~  , ~~or~~  ~~;~~  ,  , ~~especially~~  ~~,~~ ~~or~~  ~~;~~  ,  ,  ,  ,  , ~~especially~~  ~~,~~ or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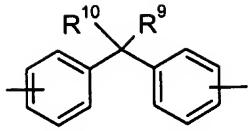
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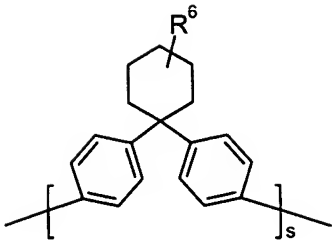
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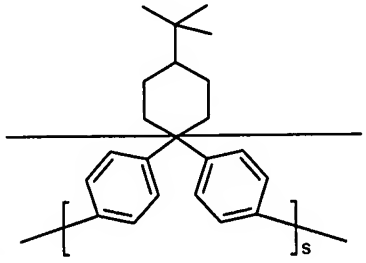
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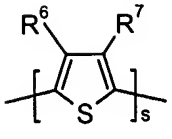
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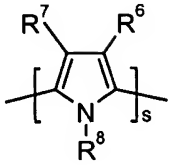
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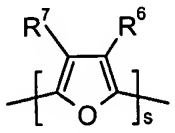
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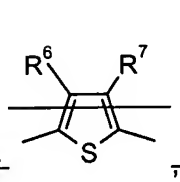
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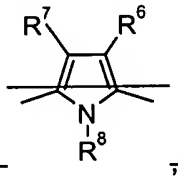
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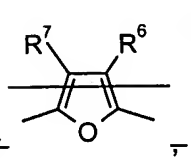
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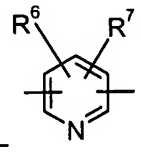
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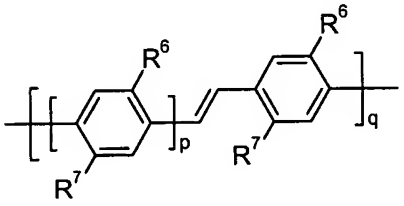
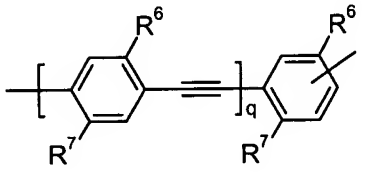

, ~~or~~

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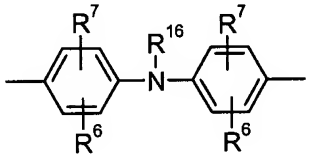

and , ~~or,~~ wherein

R^{16} is H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkyl, C_7-C_{25}aralkyl, or C_1-C_{18}alkyl which is interrupted by –O-,

p is an integer from 1 to 10, ~~especially 1, 2 or 3,~~

q is an integer from 1 to 10, ~~especially 1, 2 or 3,~~

s is an integer from 1 to 10, ~~especially 1, 2 or 3,~~

~~R^6, R^7, R^8, R^9 and R^{10} are as defined in claim 2,~~

R^6 and R^7 are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl, which is substituted by E, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by

E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, C_7-C_{25}aralkyl, or -CO-R^{28},

R^8 is C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24} aryl, or C_7-C_{25}aralkyl,

R^9 and R^{10} are independently of each other C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl, or

R^9 and R^{10} form a five- or six-membered ring, which may optionally be substituted by R^6,

$R^{14'}$ and $R^{15'}$ are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, or C_2-C_{20}heteroaryl which is substituted by E,

D is -CO-, -COO-, -S-, -SO-, -SO_2-, -O-, -NR^{25}-, -$SiR^{30}R^{31}$-, -POR^{32}-, -CR^{23}=CR^{24}-, or -C≡C-, and

E is -OR^{29}, -SR^{29}, -$NR^{25}R^{26}$, -COR^{28}, -$COOR^{27}$, -$CONR^{25}R^{26}$, -CN, -$OCOOR^{27}$, or halogen,

wherein

R^{23}, R^{24}, R^{25} and R^{26} are independently of each other H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkoxy, C_1-C_{18}alkyl, or C_1-C_{18}alkyl which is interrupted by –O-, or

R^{25} and R^{26} together form a five or six membered ring, R^{27} and R^{28} are independently of each other H, C_6-C_{18}aryl, C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, or C_1-C_{18}alkoxy, C_1-C_{18}alkyl, or C_1-C_{18}alkyl which is interrupted by –O-,

R^{29} is H, C_6-C_{18}aryl, C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkoxy, C_1-C_{18}alkyl, or C_1-C_{18}alkyl which is interrupted by –O-,

R^{30} and R^{31} are independently of each other C_1-C_{18}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl, and

R^{32} is C_1-C_{18}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl,

or

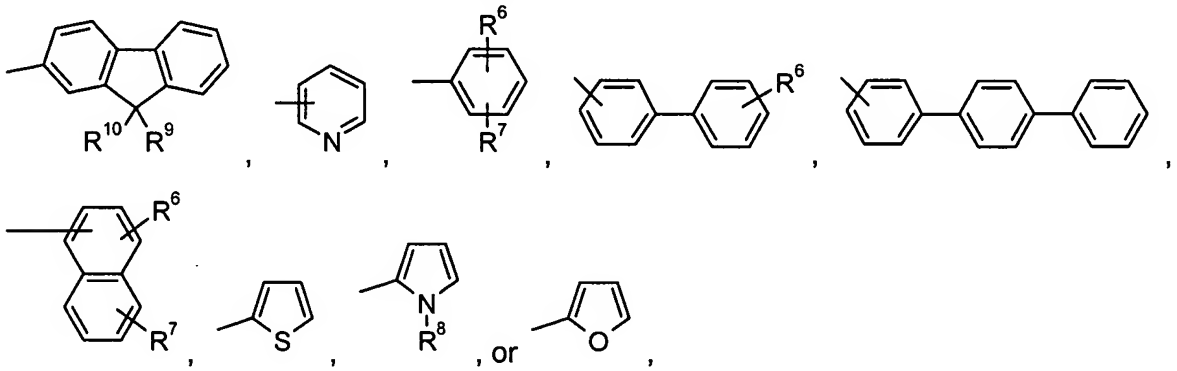
~~R^9 and R^{10} together form a five or six membered ring that is substituted by R^6,~~

R^9 and R^{10} together form a group of formula =$CR^{100}R^{101}$, wherein

R^{100} and R^{101} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, or C_2-C_{20}heteroaryl, or C_2-C_{20}heteroaryl which is substituted by E, and

R^{14} and R^{15} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, or C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E.

5. (currently amended): A polymer according to ~~any of~~ claim [[s]] 1, ~~to 3,~~ comprising repeating units of formula Ia or Ib, wherein R^1 is a group of formula



wherein R^2 is H,

R^6 and R^7 are independently of each other H, C_1-C_{12}alkyl, C_5-C_{12}cycloalkyl, ~~especially cyclohexyl,~~ C_6-C_{24}aryl, ~~especially phenyl, naphthyl, or biphenyl,~~ which can be substituted by –O-C_1-C_{12}alkyl, or C_1-C_{18}alkoxy,

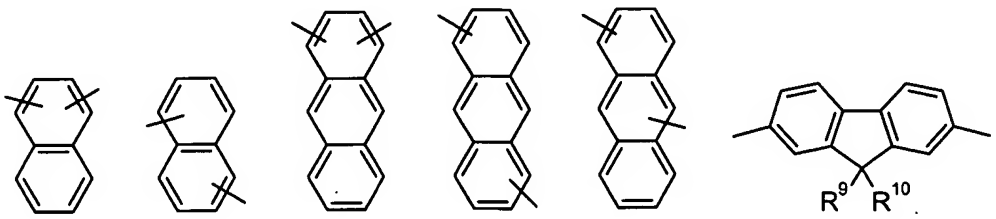
R^8 is C_1-C_{18}alkyl, C_1-C_{18}alkyl interrupted by one or two oxygen atoms, or C_6-C_{12}aryl, which optionally can be substituted by C_1-C_{12}alkyl, or C_1-C_{12}alkoxy,

R^9 and R^{10} are independently of each other H, C_1-C_{12}alkyl, or C_1-C_{12}alkoxy,

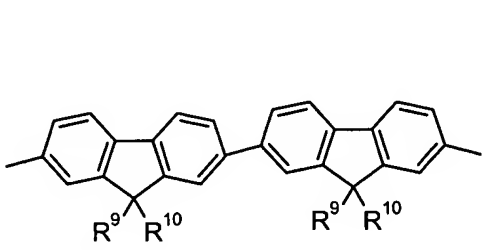
R^9 and R^{10} are independently of each other C_1-C_{18}alkyl, especially C_4-C_{12}alkyl, which can be interrupted by one or two oxygen atoms, ~~and~~

~~X^1 and X^2 are as defined in claim 1.~~

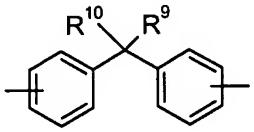
6.(currently amended): A polymer according to claim 5, comprising a co-monomer T which is selected from the group consisting of



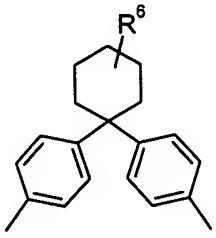
, ~~or~~



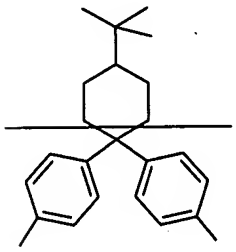
;

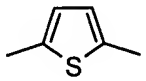


,

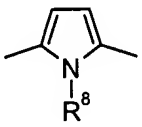


, ~~especially~~

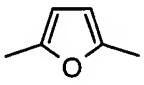

,



, ~~or~~



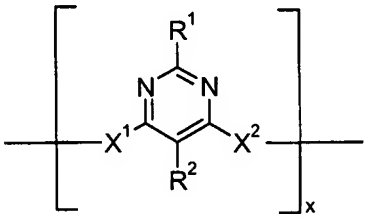
, ~~or~~ and



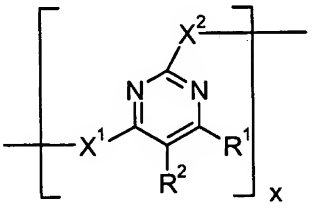
, wherein R^8 is C_1-C_{18}alkyl, R^9 and R^{10} are independently of each other C_1-C_{18}alkyl, ~~especially C_4-C_{12}alkyl,~~ which can be interrupted by one or two oxygen atoms, or

R^9 and R^{10} form a five or six membered carbocyclic ring, which optionally can be substituted by C_1-C_8alkyl.

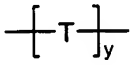
7. (currently amended): A polymer according to claim 1, comprising a repeating unit of formula



(Ia), or

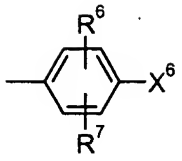
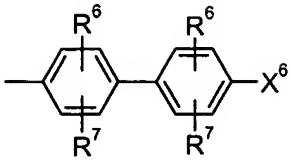
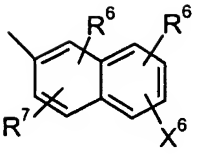


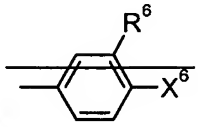
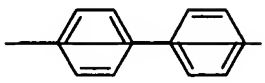
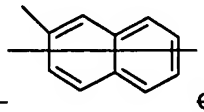
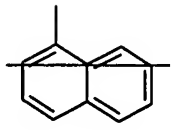
(Ib), and

a co-monomer 

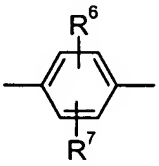
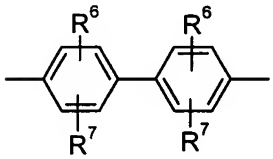
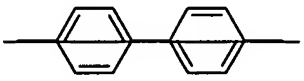
, wherein

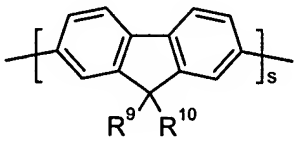
x is in the range of 0.005 to 1, ~~especially 0.4 to 0.6,~~ and y is in the range of 0.995 to 0, ~~especially 0.6 to 0.4,~~ wherein the sum of x and y is 1,

R^1 is a group of formula  , or  , or  ,

~~especially~~  ~~, or~~  ~~,~~  ~~or~~  ~~,~~ wherein X^6 is H, C_1-C_{18}alkyl, cyclohexyl, or C_1-C_{18}alkoxy,

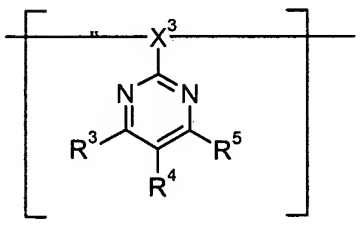
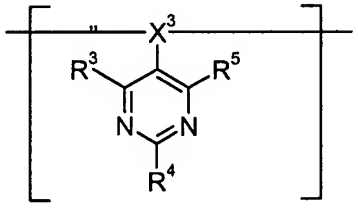
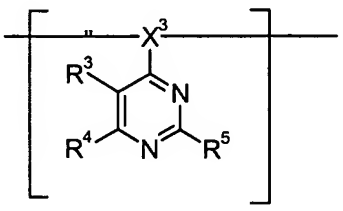
R^2 is H,

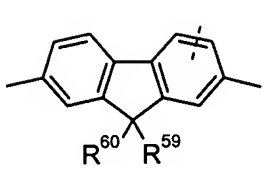
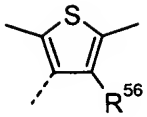
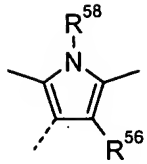
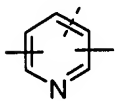
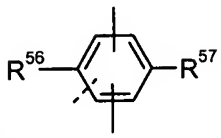
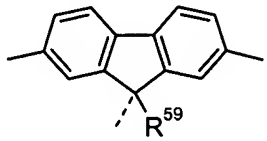
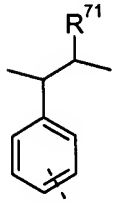
X^1 and X^2 are independently of each other a group of formula  , or  , ~~especially~~  ~~, or~~  ~~,~~ and

T is a group of formula  , wherein s is one or two, and R^9 and R^{10} are independently of each other C_1-C_{18}alkyl, ~~especially C_4-C_{12}alkyl,~~ which can be interrupted by one or two oxygen atoms, and

R^6 and R^7 are independently of each other H, C_1-C_{12}alkyl, C_5-C_{12}cycloalkyl, ~~such as cyclohexyl,~~ C_6-C_{24}aryl, ~~especially phenyl, naphthyl, or biphenyl,~~ which can be substituted by –O-C_1-C_{12}alkyl, or C_1-C_{18}alkoxy.

8. (currently amended): A polymer according to claim 1, comprising a repeating unit having the formula IIa, IIb or IIc,

 (IIa),  (IIb),  (IIc);

wherein X^3 is a group of the formula  ,  ,  , ~~or~~  ; ~~especially~~  ,  ,  ,  or  ,

wherein the dotted line represent the bond to the pyrimidine ring,

~~R^3, R^4 and R^5 are as defined in claim 1,~~

R^{56} and R^{57} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_5-C_{12}cycloalkyl, C_5-C_{12}cycloalkyl, which is substituted by E, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl,

R^{58} is H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, or C_7-C_{25}aralkyl,

R^{59} and R^{60} are independently of each other H, C_1-C_{18} alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl, or

R^{59} and R^{60} form a ring, ~~especially a five- or six-membered ring,~~

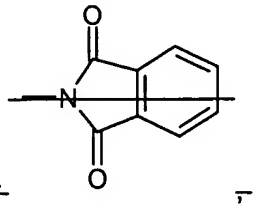
R^{71} is H, C_1-C_{18}alkyl, -C≡N, -$CONR^{25}R^{26}$ or -$COOR^{27}$,

D is -CO-; -COO-; -OCOO-; -S-; -SO-; -SO_2-; -O-; -NR^{25}-; -$SiR^{30}R^{31}$-; -POR^{32}-; -CR^{23}=CR^{24}-; or -C≡C-; and

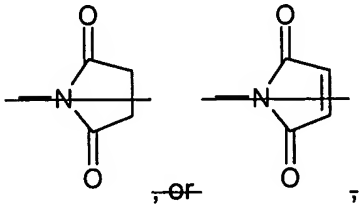
E is -OR^{29}; -SR^{29}; -$NR^{25}R^{26}$; -COR^{28}; -$COOR^{27}$; -$CONR^{25}R^{26}$; -CN; -$OCOOR^{27}$; or halogen;

wherein

R^{23}, R^{24}, R^{25} and R^{26} are independently of each other H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkoxy; C_1-C_{18}alkyl; or C_1-C_{18}alkyl which is interrupted by –O-; or



R^{25} and R^{26} together form a five or six membered ring, ~~in particular~~ ,



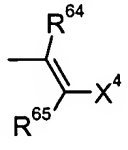
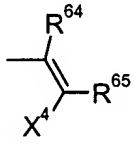
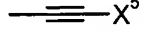
~~, or~~ ,

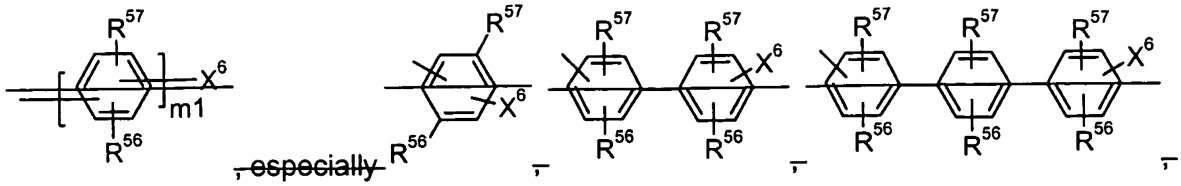
R^{27} and R^{28} are independently of each other H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, or C_1-C_{18}alkoxy; C_1-C_{18}alkyl; or C_1-C_{18}alkyl which is interrupted by –O-, and

R^{29} is H; C_6-C_{18}aryl; C_6-C_{18}aryl which is substituted by C_1-C_{18}alkyl, C_1-C_{18}alkoxy; C_1-C_{18}alkyl; or C_1-C_{18}alkyl which is interrupted by –O-,

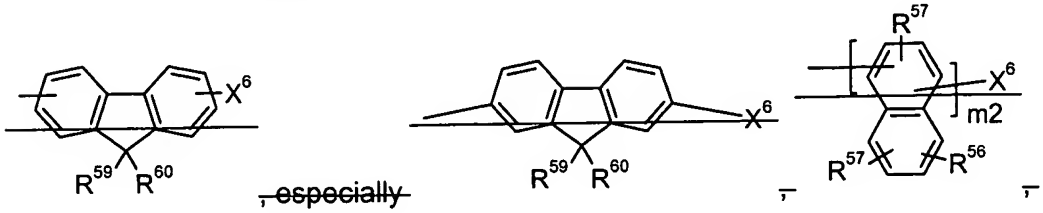
R^{30} and R^{31} are independently of each other C_1-C_{18}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl, and

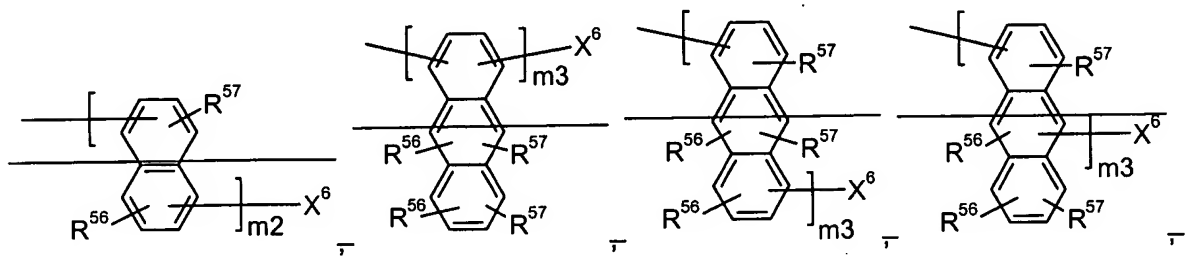
R^{32} is C_1-C_{18}alkyl, C_6-C_{18}aryl, or C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl.

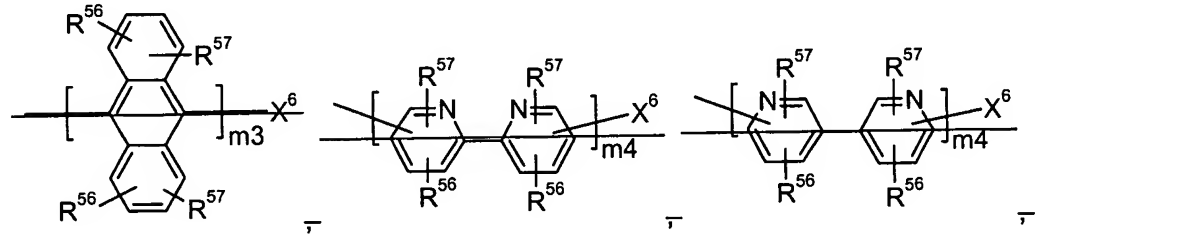
9. (currently amended): A polymer according to claim 8, wherein R^3, R^4 and R^5 are independently of each other H, C_1-C_{18} alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D,  ,  ,  , C_7-C_{25}aralkyl, C_6-C_{24}aryl, or C_2-C_{20}heteroaryl, which optionally can be substituted, ~~especially a group of the formula~~

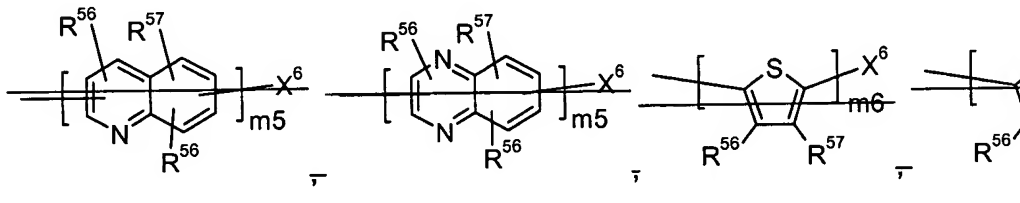


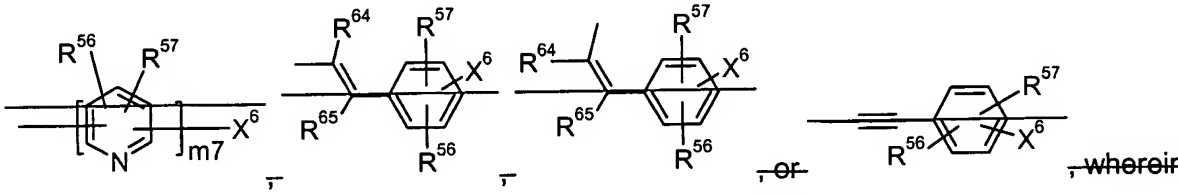
, ~~especially~~

,


, ~~especially~~






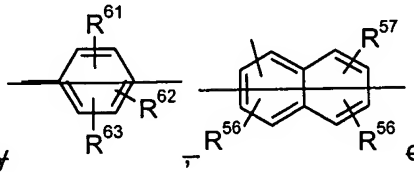


, ~~or~~

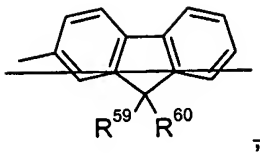
, ~~wherein~~

~~m1, m2, m3, m4, m5, m6 and m7 are integers of 1 to 10, in particular 1 to 3,~~

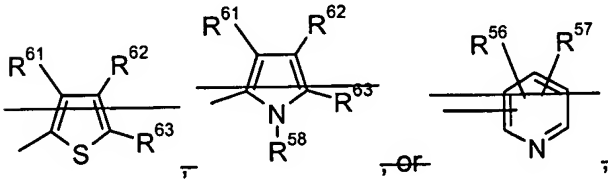
~~X^6 is H, C_1-C_{18}alkyl, C_1-C_{18}alkoxy, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D,~~



~~C_6-C_{24}aryl, which can optionally be substituted, especially~~ ~~or~~



~~, C_2-C_{20}heteroaryl, which can optionally be substituted, especially~~



~~, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl,~~

X^4 is C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24} aryl, or C_2-C_{20}heteroaryl, which can optionally be substituted,

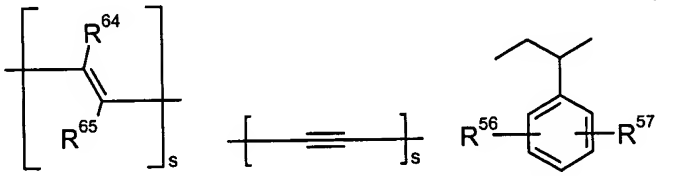
X^5 is C_1-C_{18}alkyl, C_6-C_{24}aryl, or C_2-C_{20}heteroaryl, which can optionally be substituted by -OC_1-C_{18}alkyl or -OC_6-C_{24}aryl,

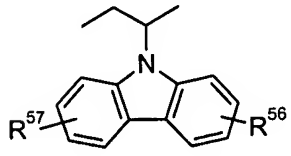
~~R^{61}, R^{62} and R^{63} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl,~~

R^{64} and R^{65} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, or C_2-C_{20}heteroaryl, C_2-C_{20}heteroaryl which is substituted by E, ~~and~~

~~D, E, R^{56}, R^{57}, R^{58}, R^{59} and R^{60} are as defined in claim 8.~~

10. (currently amended): A polymer according to claim 8, ~~or 9,~~ comprising a co-monomer T which is selected from the group consisting of





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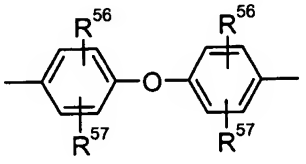

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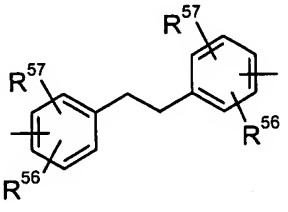
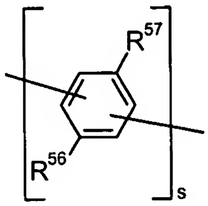
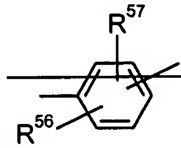


, ~~in particular~~



, ~~especially~~



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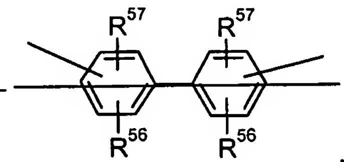
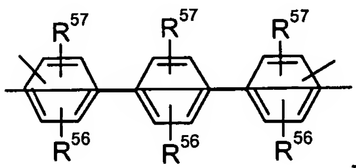


~~, or~~



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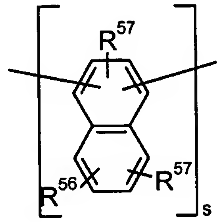

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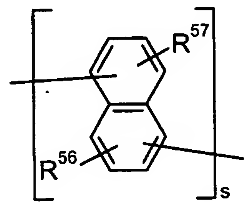
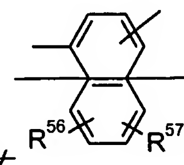


, ~~especially~~



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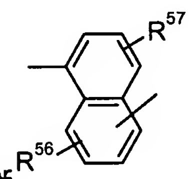
~~or~~



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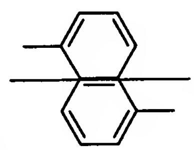

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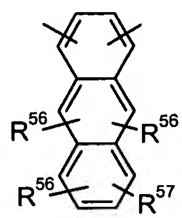

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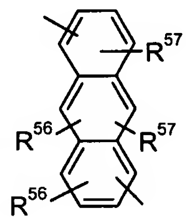

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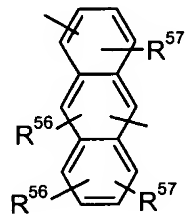

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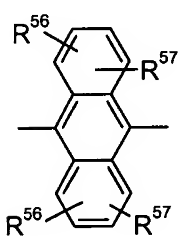

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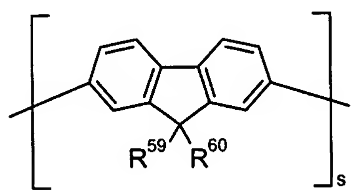
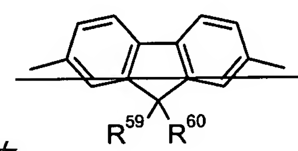


, ~~especially~~



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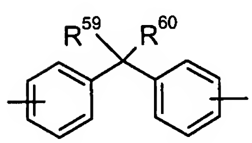

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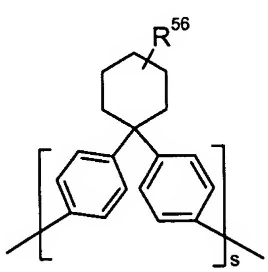

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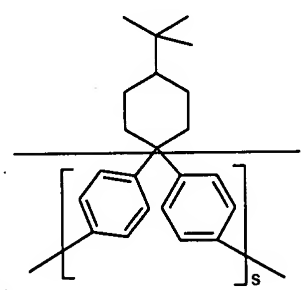

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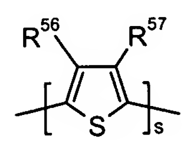

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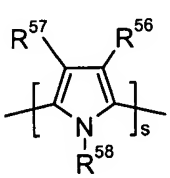

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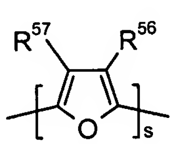
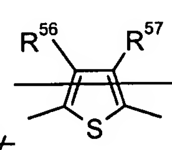


, ~~especially~~



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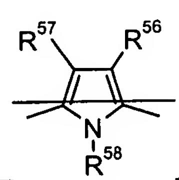

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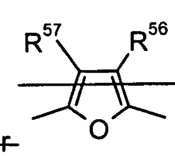

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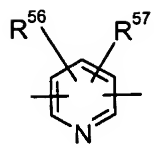
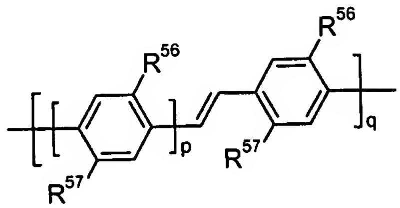
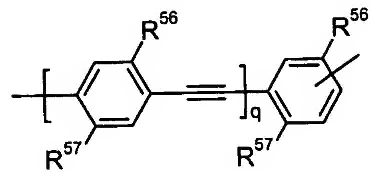
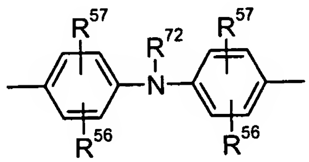
 ,  , ~~or~~  ,~~or~~

and  ,

wherein p is an integer from 1 to 10, ~~especially 1, 2 or 3,~~

q is an integer from 1 to 10, ~~especially 1, 2 or 3,~~

s is an integer from 1 to 10, ~~especially 1, 2 or 3,~~

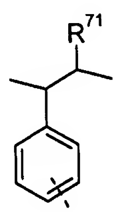
R^{72} is H, C_6-C_{18}aryl, C_6-C_{18}aryl, which is substituted by C_1-C_{18}alkyl, or C_1-C_{18}alkoxy; C_1-C_{18}alkyl; or C_1-C_{18}alkyl which is interrupted by –O-;

~~R^{56}, R^{57}, R^{58}, R^{59}, R^{60}, R^{64} and R^{65} are as defined in claim 8, or~~

R^{59} and R^{60} together can also form a group of formula $=CR^{100}R^{101}$, wherein

R^{100} and R^{101} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, or C_2-C_{20}heteroaryl, or C_2-C_{20}heteroaryl which is substituted by E, wherein E and D are defined as in claim 8.

11. (currently amended): A polymer according to ~~any of~~ claim [[s]] 8~~, to 10,~~ comprising a repeating unit of formula IIb, ~~especially a repeating unit of formula~~ IIa, or IIc, and a co-monomer T, wherein

X^3 is a group of the formula  , wherein the dotted line represent the bond to the pyrimidine ring and R^{71} is H, alkyl, -C≡N, or $-COOR^{27}$, wherein R^{27} is H, or C_1-C_{18}alkyl; which optionally can be interrupted by one or more oxygen atoms, ~~especially C_4-C_{12}alkyl,~~ which can be interrupted by one or two oxygen atoms,

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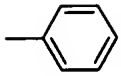
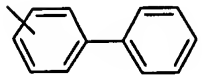
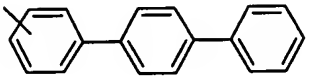
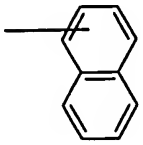
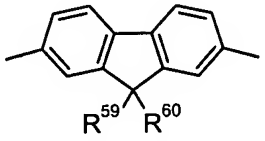
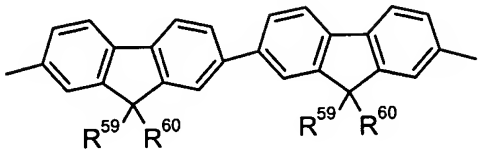
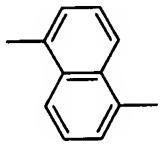
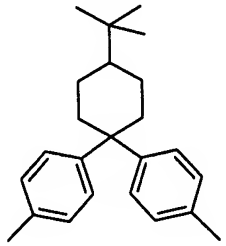
R^3, R^4, and R^5 are independently of each other H,  ,  ,  ,  , or  ,

T is a group of formula  , or  ,

wherein R^{59} and R^{60} are independently of each other C_1-C_{18}alkyl, ~~especially C_4-C_{12}alkyl,~~ which can be interrupted by one or two oxygen atoms,  , or  .

12. (currently amended): An optical device or a component therefore, comprising a substrate and a polymer according to ~~any of~~ claim [[s]] 1~~ to 11~~.

13 .(original): An optical device according to claim 12, wherein the optical device comprises an electroluminescent device.

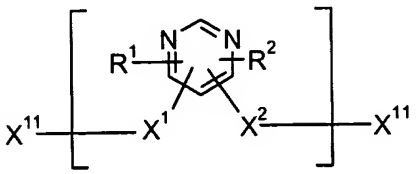
14 .(currently amended): An optical device according to claim 13, wherein the electroluminescent device comprises

(a) a charge injecting layer for injecting positive charge carriers,

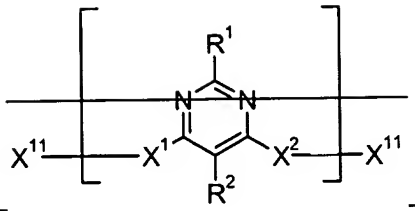
(b) a charge injecting layer for injecting negative charge carriers,

(c) a light-emissive layer located between the layers (a) and (b) comprising a polymer according to ~~any of~~ claim [[s]] 1~~ to 11~~.

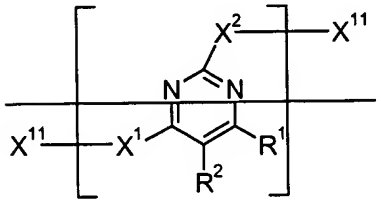
15. (currently amended): A monomer of the formula



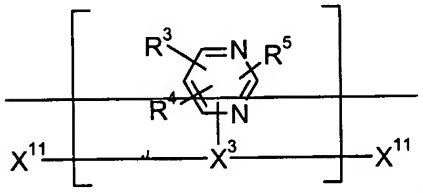
(III), ~~especially~~



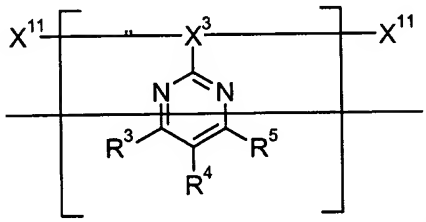
~~(IIIa), or~~



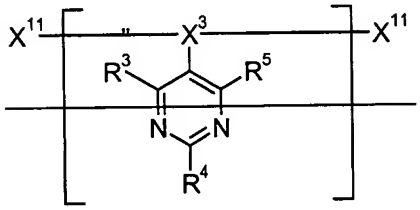
~~(IIIb); and/~~ or



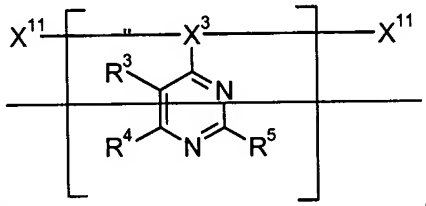
~~(IV), especially~~



~~(IVa),~~



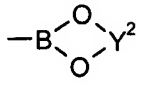
~~(IVb), or~~

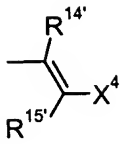
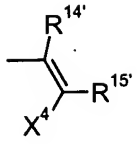


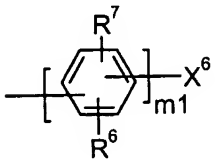
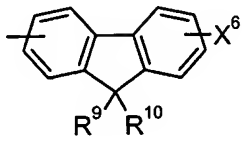
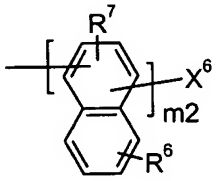
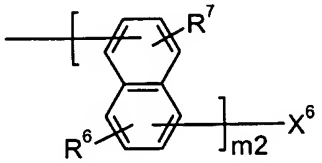
~~(IVc);~~ wherein

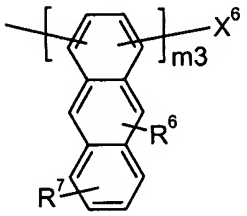
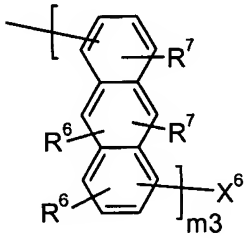
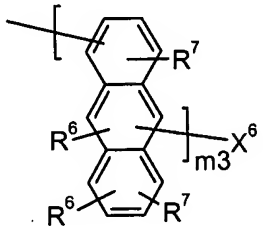
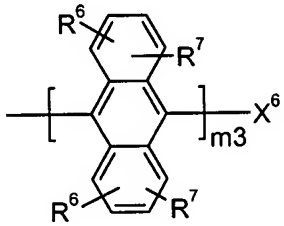
R^1, R^2, R^3, R^4 and R^5 are independently of each other an organic substituent, especially C_2-C_{30}aryl or a C_2-C_{26}heteroaryl, which optionally can be substituted,

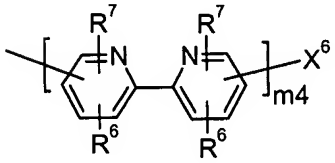
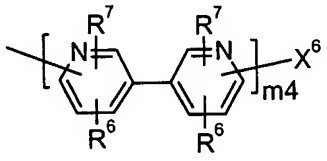
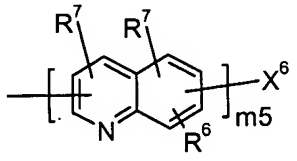
X^1, X^2, and X^3 are independently of each other a divalent linking group, and

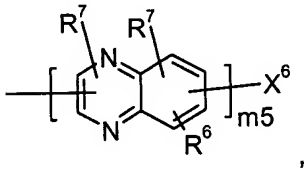
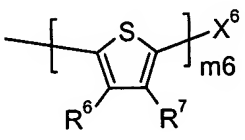
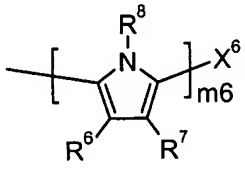
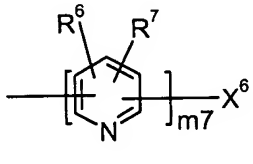
X^{11} is independently in each occurrence a halogen atom, or $-B(OH)_2$, $-B(OY^1)_2$ or  , wherein Y^1 is independently in each occurrence a C_1-C_{10}alkyl group and Y^2 is independently in each occurrence a C_2-C_{10}alkylene group, ~~such as $-CY^3Y^4-CY^5Y^6-$, or $-CY^7Y^8-CY^9Y^{10}-CY^{11}Y^{12}-$, wherein Y^3, Y^4, Y^5, Y^6, Y^7, Y^8, Y^9, Y^{10}, Y^{11} and Y^{12} are independently of each other hydrogen, or~~ which may be substituted 1-20 times by a C_1-C_{10}alkyl group, ~~especially $-C(CH_3)_2C(CH_3)_2-$, or $-C(CH_3)_2CH_2C(CH_3)_2-$~~ with the proviso that 2-phenyl-4,6-bis(p-bromophenyl)pyrimidine and 2,4,6-tris(p-bromophenyl)pyrimidine are excluded.

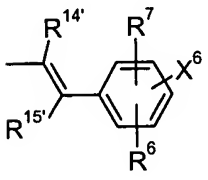
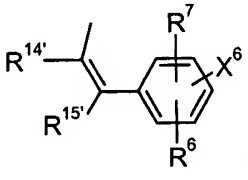
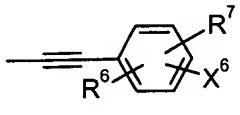
16. (new): A polymer according to claim 3, wherein when R^1 or R^2 is  ,  ,  , C_6-C_{24}aryl or C_2-C_{20}heteroaryl, it is selected from the group consisting of the formulae

 ,  ,  ,  ,

 ,  ,  ,  ,

 ,  ,  ,

 ,  ,  ,  ,

 ,  and  ,

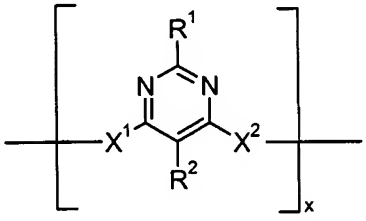
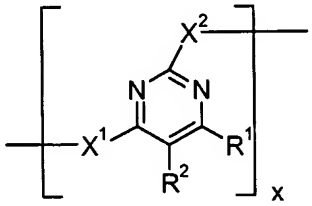
wherein m1, m2, m3, m4, m5, m6 and m7 are integers of 1 to 10,

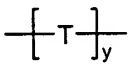
X^6 is H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{30}aryl, which optionally can be substituted,C_2-C_{26}heteroaryl, which optionally can be substituted, C_2-

C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl,

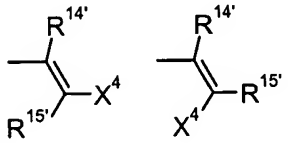
R^{11}, R^{12} and R^{13} are independently of each other H, C_1-C_{18} alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl.

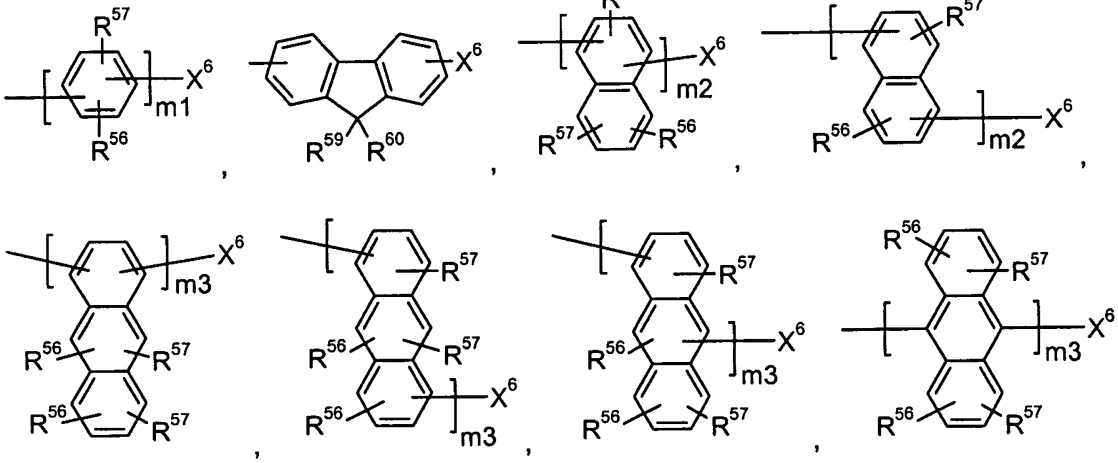
17. (new): A polymer according to claim 7, comprising a repeating unit of formula

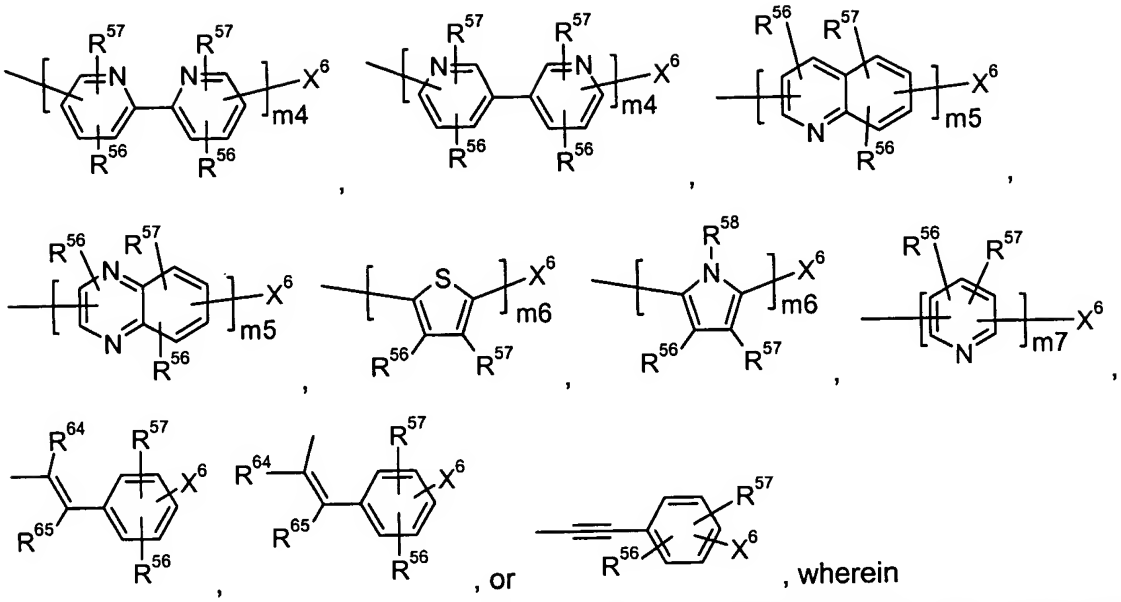

(Ia), or

(Ib), and

a co-monomer  , wherein

x is in the range of 0.4 to 0.6, and y is in the range of 0.6 to 0.4, wherein the sum of x and y is 1.

18. (new): A polymer according to claim 8, wherein when R^3, R^4 or R^5 is  , , C_6-C_{24}aryl or C_2-C_{20}heteroaryl, it is selected from the group consisting of the formulae



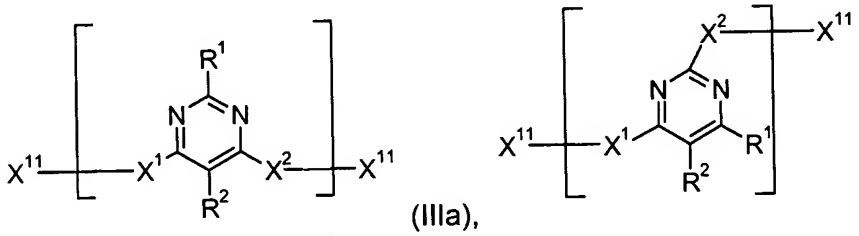


, or , wherein

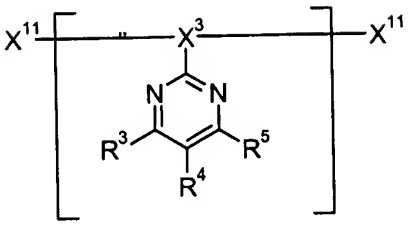
m1, m2, m3, m4, m5, m6 and m7 are integers of 1 to 10, X^6 is H, C_1-C_{18}alkyl, C_1-C_{18}alkoxy, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, which can optionally be substituted, C_2-C_{20}heteroaryl, which can optionally be substituted, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl,

R^{61}, R^{62} and R^{63} are independently of each other H, C_1-C_{18}alkyl, C_1-C_{18}alkyl which is substituted by E and/or interrupted by D, C_6-C_{24}aryl, C_6-C_{24}aryl which is substituted by E, C_2-C_{18}alkenyl, C_2-C_{18}alkynyl, C_1-C_{18}alkoxy, C_1-C_{18}alkoxy which is substituted by E and/or interrupted by D, or C_7-C_{25}aralkyl.

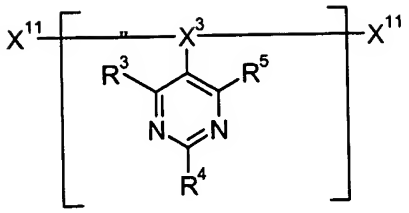
19. (new): A monomer according to claim 15 of the formula



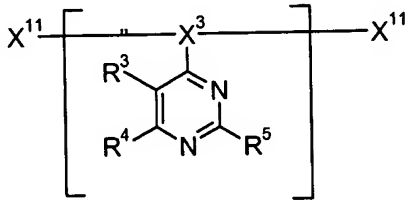
(IIIa), (IIIb),



(IVa),



(IVb), or



(IVc).